

Title (en)  
MULTI-MODAL AUDIO SYSTEM WITH AUTOMATIC USAGE MODE DETECTION AND CONFIGURATION COMPATIBILITY

Title (de)  
MULTIMODALES AUDIOSYSTEM MIT AUTOMATISCHER BETRIEBSARTENERKENNUNG UND KONFIGURATIONSKOMPATIBILITÄT

Title (fr)  
SYSTÈME AUDIO MULTIMODE AVEC DÉTECTION AUTOMATIQUE DU MODE D'UTILISATION ET COMPATIBILITÉ DE CONFIGURATION

Publication  
**EP 2478714 A4 20130529 (EN)**

Application  
**EP 10817856 A 20100916**

Priority

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- US 2010049174 W 20100916

Abstract (en)  
[origin: WO2011035061A1] An audio system that may be used in multiple modes or use scenarios, while providing a user with a desirable level of audio quality and comfort. The system may include multiple components, with the components capable of being used in different configurations depending upon the mode of use. The different configurations provide an optimized user audio experience for multiple modes of use without requiring a user to carry multiple devices or sacrifice the audio quality or features desired for a particular situation. The audio system includes a use mode detection element that enables the system to detect the mode of use, and in response, to be automatically configured for optimal performance for a specific use scenario. This may include the use of one or more audio processing elements that perform signal processing on the audio signals to implement a variety of desired functions (e.g., noise reduction, echo cancellation, etc.).

IPC 8 full level  
**H04R 1/10** (2006.01)

CPC (source: EP US)  
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Citation (search report)

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**US 2010049174 W 20100916**; AU 2010295569 A 20100916; CA 2774534 A 20100916; EP 10817856 A 20100916; US 201414493298 A 20140922; US 88248210 A 20100915